ANSCI 133 Course Outline as of Summer 2011

CATALOG INFORMATION

Dept and Nbr: ANSCI 133 Title: CATTLE REPROD MGMT
Full Title: Cattle Reproduction Management
Last Reviewed: 12/8/2008

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.00	Lecture Scheduled	1.00	17.5	Lecture Scheduled	17.50
Minimum	1.00	Lab Scheduled	0	1	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	1.00		Contact Total	17.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 35.00 Total Student Learning Hours: 52.50

Title 5 Category:	AA Degree Applicable
Grading:	Grade or P/NP
Repeatability:	00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:	
Formerly:	AG 246.1

Catalog Description:
Physiological aspects of cattle as they relate to reproductive management, reproductive systems, hormones, semen evaluation and the estrus cycle.

Prerequisites/Corequisites:

Recommended Preparation:
Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:

Schedule of Classes Information:
Description: Physiological aspects of cattle as they relate to reproductive management, reproductive systems, hormones, semen evaluation and the estrus cycle. (Grade or P/NP)
Prerequisites/Corequisites:
Recommended: Eligibility for ENGL 100 or ESL 100
Limits on Enrollment:
Transfer Credit:
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**	Effective:	Inactive:
CSU GE:	**Transfer Area**	Effective:	Inactive:
IGETC:	**Transfer Area**	Effective:	Inactive:

CSU Transfer:	Effective:	Inactive:
UC Transfer:	Effective:	Inactive:

CID:

Certificate/Major Applicable:
Certificate Applicable Course

COURSE CONTENT

Outcomes and Objectives:
Upon completion of the course, students will be able to:
1. Identify the male and female parts of cattle reproductive tracts.
2. Perform analysis of semen.
3. Evaluate effects of nutrition, hormones, and health on estrous cycle.

Topics and Scope:

1. The anatomy of the male reproductive system.
2. The anatomy of the female reproductive system.
3. Physiology of reproduction.
    a. spermatogenesis
    b. oogenesis
    c. hormones
4. Semen evaluation.
    a. live
    b. micro analysis
5. Pregnancy evaluation.
    a. methods of pregnancy evaluation
    b. economics involved
6. Effects on estrus cycle.
    a. nutritional
    b. hormones
    c. health
7. Calving management.
    a. sanitation
    b. nutritional

Assignment:

Read periodicals, handouts, and texts.
Demonstrations of skill assignments.

Skill performance exam.
Tests and quizzes.

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because skill demonstrations are more appropriate for this course.	Writing 0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None	Problem solving 0 - 0%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Skill performance (exercises & exams)	Skill Demonstrations 30 - 30%

Exams: All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Completion	Exams 70 - 70%

Other: Includes any assessment tools that do not logically fit into the above categories.

None	Other Category 0 - 0%

Representative Textbooks and Materials:
Instructor prepared materials